

MATERIAL SAFETY DATA SHEET : 00005817

DOMINION SURE SEAL LTD.
 6175 DANVILLE ROAD
 MISSISSAUGA, ONTARIO L5T 2H7
 CANUTEC EMERGENCY #:1-613-996-6666(24HR)

Product: SUPER ACID ETCH 24010/SEPA

SECTION 01: MANUFACTURER INFORMATION

SUPPLIER DOMINION SURE SEAL LTD.
 6175 DANVILLE ROAD
 MISSISSAUGA, ONTARIO
 CANADA
 L5T 2H7
 CANUTEC EMERGENCY #:1-613-996-6666(24HR)

PRODUCT NAME.....SUPER ACID ETCH
 24010/SEPA

FORM #.....FORMULA 14-343.

CHEMICAL FAMILY.....ALKYD.

TRADE NAMES & SYNONYMS.....SAME AS PRODUCT NAME.

PRODUCT USES.....COATING.

CHEMICAL FORMULA.....MIXTURE.

MOLECULAR WEIGHT.....NOT APPLICABLE.

T.D.G. CLASSIFICATION.....CONSUMER COMMODITY.

WHMIS CLASSIFICATION.....A,B5,D2B.

CNFC SECTION 3.3.5.....LEVEL 2.

NFPA CODE 30B.....LEVEL 2.

HMIS RATING FLAMMABILITY.....4 SEVERE HAZARD.

HMIS RATING HEALTH.....2 MODERATE HAZARD.

HMIS RATING REACTIVITY.....1 SLIGHT HAZARD.

SECTION 02: HAZARDOUS INGREDIENTS

%	CAS / TLV	LD/50, ROUTE, SPECIES	LC/50, ROUTE, SPECIES
ACETONE			
30-60	67-64-1 750 ppm	>9750 mg/kg ORAL - RAT	>16,000 ppm (4 hr) INHAL - RAT
TOLUENE			
10-30	108-88-3 50 ppm	5000 mg/kg ORAL - RAT	8000 ppm (4 hr) INHAL - RAT
XYLENE			
1-5	1330-20-7 100 ppm	4.3 g/kg ORAL - RAT	6350 ppm (4 hr) INHAL - RAT
ISOPROPANOL			
1-5	67-63-0 400 ppm	>4720 mg/kg ORAL - RAT	12000 ppm (8hr) INHAL - RAT
METHYL ETHYL KETONE			
1-5	78-93-3 200 ppm	3400 mg/kg ORAL - RAT	8000 ppm (8 hr) INHAL - RAT

METHYL ISOBUTYL KETONE			
1-5	108-10-1 50 ppm	2080 mg/kg ORAL - RAT	2000 ppm (4 hr) INHAL - RAT
ETHYL BENZENE			
0.1-1.5	100-41-4 100 ppm	5460 mg/kg ORAL-RAT	NOT AVAILABLE
ISOBUTANE			
5-10	75-28-5 1000 ppm	NOT APPLICABLE	142,500 ppm (4h) INHAL - RAT
PROPANE			
10-30	74-98-6 1000 ppm	NOT APPLICABLE	NOT AVAILABLE

SECTION 03: PHYSICAL DATA

PHYSICAL STATE.....AEROSOL.
BOILING POINT (DEG C) (CONC).....57-143.
BOILING PO INT (DEG C) (CONC)
VAPOUR PRESSURE (PSIG) -AEROSOL.....55 - 65.
@ 20 C
VAPOUR DENSITY (AIR=1).....GREATER THAN 1.
(BY WEIGHT)
SOLUBILITY IN WATER.....NOT AVAILABLE.
APPEARANCE.....GREY.
ODOR.....KETONE.
ODOR THRESHOLD.....NOT AVAILABLE.
SPECIFIC GRAVITY (AEROSOL).....0.77-0.81.
(BY WEIGHT)
EVAPORATION RATE.....GREATER THAN 1.
n-BUTYL ACETATE = 1
pH.....NOT APPLICABLE.
FREEZING POINT: (C).....NOT AVAILABLE.
COEFFICIENT OF WATER\OIL.....NOT AVAILABLE.
DIST.

SECTION 04: FIRE & EXPLOSION DATA

AEROSOL FLAME PROJECTION
CLASSIFIED AS:.....> 45 CM.
FLAMMABILITY.....EXTREMELY FLAMMABLE.
IF YES, UNDER WHICH.....EXCESSIVE HEAT, SPARKS AND OPEN FLAME.
CONDITIONS ?
EXTINGUISHING MEDIA.....WATER, CARBON DIOXIDE, DRY CHEMICAL, FOAM.
SPECIAL PROCEDURES.....WATER FROM FOGGING NOZZLES MAY BE USED TO
COOL CLOSED CONTAINERS TO PREVENT BUILD-UP
IF EXPOSED TO EXTREME TEMPERATURES.FULL
PROTECTIVE EQUIPMENT INCLUDING SELF
CONTAINED BREATHING APPARTATUS SHOULD BE
WORN IN A FIRE INVOLVING THIS MATERIAL.
FLASH POINT (C), TAG CLOSED.....>-18.
CUP
AUTO IGNITION TEMPERATURE (C).....399 - 527.
LOWER FLAMMABLE LIMIT.....1.0.

(% BY VOLUME)
UPPER FLAMMABLE LIMIT.....12.

(% BY VOLUME)
HAZARDOUS COMBUSTION
PRODUCTS.....HYDROCARBON FUMES AND SMOKE. CARBON
MONOXIDE WHERE COMBUSTION IS INCOMPLETE.

EXPLOSION DATA
SENSITIVITY TO STATIC.....NOT APPLICABLE.
DISCHARGE
SENSITIVITY TO IMPACT.....NOT APPLICABLE.

SECTION 05: REACTIVITY DATA

CHEMICAL STABILITY:
YES.....UNDER NORMAL CONDITIONS.
NO, WHICH CONDITIONS?.....NOT APPLICABLE.
COMPATABILITY WITH OTHER
SUBSTANCES :
NO, WHICH ONES?.....STRONG OXIDIZING AGENTS.
HAZARDOUS PRODUCTS OF
DECOMPOSITION.....HYDROCARBON FUMES AND SMOKE. CARBON
MONOXIDE WHERE COMBUSTION IS INCOMPLETE.
HAZARDOUS POLYMERIZATION.....WILL NOT OCCUR.
REACTIVITY CONDITIONS?.....NOT APPLICABLE.

SECTION 06: TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY:
SKIN CONTACT.....MAY CAUSE IRRITATION.
SKIN ABSORPTION.....NO DATA AVAILABLE FOR THIS PRODUCT
MIXTURE.
EYE CONTACT.....MAY CAUSE IRRITATION.
INHALATION.....INHALATION OF SOLVENTS MAY CAUSE
IRRITATION. PROPELLANT IS A SIMPLE
ASPHYXIANT.
INGESTION.....MAY CAUSE HEADACHE, NAUSEA, VOMITING AND
WEAKNESS.
EFFECTS OF ACUTE EXPOSURE.....DIZZINESS, NAUSEA. IRRITATION TO SKIN &
EYES.
EFFECTS OF CHRONIC EXPOSURE.....SOLVENTS MAY CAUSE DEFATTING DERMATITIS.
EXPOSURE LIMIT OF MATERIAL.....SEE SECTION II.
IRRITANCY OF MATERIAL.....SKIN/EYE IRRITANT.
SENSITIZING CAPABILITY OF.....UNKNOWN.
MATERIAL
CARCINOGENICITY OF MATERIAL.....THE INGREDIENTS OF THIS PRODUCT ARE NOT
LISTED AS CARCINOGENS BY NTP, (NATIONAL
TOXICOLOGY PROGRAM), NOT REGULATED AS
CARCINOGENS BY OSHA, (OCCUPATIONAL SAFETY
AND HEALTH ADMINISTRATION), AND HAVE NOT
BEEN EVALUATED BY IARC, (INTERNATIONAL
AGENCY FOR RESEARCH ON CANCER), NOR BY
ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL
INDUSTRIAL HYGIENISTS).
REPRODUCTIVE EFFECTS.....XYLENE - HIGH EXPOSURES TO XYLENE IN SOME
ANIMAL STUDIES, OFTEN AT LEVELS TOXIC TO
THE MOTHER, AFFECTED EMBRYO/FETAL
DEVELOPMENT. THE SIGNIFICANCE OF THIS

FINDING TO HUMANS IS NOT KNOWN.TOLUENE -
PROLONGED AND REPEATED EXPOSURE OF
PREGNANT ANIMALS TO TOLUENE (LEVELS
GREATER THAN APPROXIMATELY 1500 ppm) HAS
BEEN REPORTED TO CAUSE ADVERSE FETAL
DEVELOPMENTAL EFFECTS.

TERATOGENICITY.....NO INFORMATION IS AVAILABLE AND NO ADVERSE
TERATOGENIC EFFECTS ARE ANTICIPATED.
MUTAGENICITY.....NO INFORMATION IS AVAILABLE AND NO ADVERSE
MUTAGENIC EFFECTS ARE ANTICIPATED.
SYNERGISTIC MATERIALS.....NONE KNOWN.

SECTION 07: PREVENTIVE MEASURES

GLOVES/ TYPE.....WEAR CHEMICAL RESISTANT GLOVES.
RESPIRATORY/TYPE.....IF USED INDOORS ON A CONTINUOUS BASIS, USE
OF A CARTRIDGE TYPE RESPIRATOR
(NIOSH/MSHATC 23C OR EQUIVALENT) IS
RECOMMENDED.
EYE/TYPE.....SAFETY GLASSES.
FOOTWEAR/TYPE.....NOT NORMALLY REQUIRED.
OTHER/TYPE.....NOT REQUIRED.
ENGINEERING CONTROLS.....VENTILATION - LOCAL (MECHANICAL IF USED
INDOORS ON A CONTINUOUS BASIS).
LEAK/SPILL.....REMOVE ALL SOURCES OF IGNITION. USE AN
INERT ABSORBENT MATERIAL, AND NON-SPARKING
TOOLS. VENTILATE AREA. PREVENT FROM
ENTERING A WATERCOURSE.
HANDLING PROCEDURES AND
EQUIPMENT.....STORE IN A COOL, WELL VENTILATED AREA NOT
TO EXCEED 50 DEG C.
WASTE DISPOSAL.....DO NOT PUNCTURE OR INCINERATE CONTAINERS,
EVEN WHEN EMPTY.DISPOSE OF IN ACCORDANCE
WITH LOCAL, PROVINCIAL AND FEDERAL
REGULATIONS.
STORAGE NEEDS.....KEEP AWAY FROM HEAT, SPARKS, AND OPEN
FLAMES.
SPECIAL SHIPPING INSTRUCTIONS.....SEE SECTION 1.....TDG CLASSIFICATION.

SECTION 08: FIRST AID MEASURES

EMERGENCY FIRST AID
PROCEDURE.....IN CASE OF EYE CONTACT, FLUSH IMMEDIATELY
WITH PLENTY OF WATER FOR AT LEAST 15
MINUTES AND GET MEDICAL ATTENTION. FOR
SKIN, WASH THOROUGHLY WITH SOAP AND WATER.
IF AFFECTED BY INHALATION OF VAPOUR OR
SPRAY MIST, REMOVE TO FRESH AIR. IF
SWALLOWED; DO NOT INDUCE VOMITING, GET
MEDICAL ATTENTION.

SECTION 09: ADDITIONAL INFORMATION

NOTICE FROM DOMINION SURE SEAL
LTD.....THE INFORMATION ON THIS MATERIAL SAFETY
DATA SHEET IS PROVIDED BY DOMINION SURE SEAL
LTD. FREE OF CHARGE. WHILE BELIEVED TO BE

RELIABLE, IT IS INTENDED FOR USE BY SKILLED PERSONS AT THEIR OWN RISK. DOMINION SURE SEAL LTD. ASSUMES NO RESPONSIBILITY FOR EVENTS RESULTING OR DAMAGES INCURRED FROM ITS USE. THE INFORMATION ON THIS MATERIAL SAFETY DATA SHEET RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED HEREIN AND DOES NOT RELATE TO USE IN COMBINATION WITH ANY OTHER MATERIAL OR IN ANY PROCESS.

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